



HIDALGO COUNTY PLANNING DEPARTMENT

T.J. Arredondo, CFM
Director of Planning

1304 SOUTH 25TH STREET
EDINBURG TEXAS 78539
Tel. 956-318-2840 Fax. 956-318-2844

HIDALGO COUNTY COMMISSIONERS COURT MEETING

DATE: 3-23-2021

PROPOSED SILVER HEIGHTS SUBDIVISION PRECINCT No. 4.

ENGINEER: M2 ENGINEERING DEVELOPER: ROBERT GARZA

PRELIMINARY APPROVAL FINAL APPROVAL FINAL APPROVAL WITH FINANCIAL GUARANTEE WITH VARIANCE

NUMBER OF LOTS: 45 *SINGLE FAMILY *MULTI-FAMILY 2 COMMERCIAL INDUSTRIAL

NUMBER OF STREETLIGHTS: 6

FILLING STATIONS: 3

LOCATION DESCRIPTION: EAST SIDE OF RAUL LONGORIA ROAD APPROXIMATELY ¼ MILE SOUTH OF TRENTON ROAD.

SUBDIVISION LIES WITHIN THE: ETJ OF EDINBURG AND WAS APPROVED BY THE P & Z AND CITY COMMISSION OF SAID CITY.

DRAINAGE REPORT WAS APPROVED BY HCDD#1: ON 4-08-2020 PROPERTY LIES WITHIN FLOOD ZONE: "B" AS PER FEMA.

DRAINAGE DESIGN: DRAINAGE WILL BE PROVIDED BY STORM SEWER SYSTEM WITH ONSITE DETENTION AND DISCHARGING ONTO AN EXISTING DRAINAGE SYSTEM ALONG RAUL LONGORIA ROAD.

ROAD R.O.W. DEDICATION: 20.00 FEET ONTO RAUL LONGORIA ROAD.

H.C.R.O.W. FINAL APPROVAL DATE: 1-6-2021 BY, JOE OCHOA, PCT. 4 R.O.W. AGENT

H.C.H.D. FINAL APPROVAL DATE: 1-5-2021 BY, ENVIRONMENTAL HEALTH DIVISION

SEWER SYSTEM: SANITARY SEWER BY: N.A.W.S.C. LINE SIZE: 15" LOCATION: RAUL LONGORIA ROAD.

WATER SERVICE PROVIDER: N.A.W.S.C. EXISTING LINE SIZE: 6" LOCATION: RAUL LONGORIA ROAD.

H.C.E.O.C. FINAL APPROVAL DATE: 1-5-2021 : BY ENVIRONMENTAL COMPLIANCE COORDINATOR

LARGE CONSTRUCTION

The applicant has submitted the required NOI as per Part II, Section E of the TPDES General Permit for Construction Activities (TXR150000) along with a copy of the Erosion Control Plan for the proposed project.

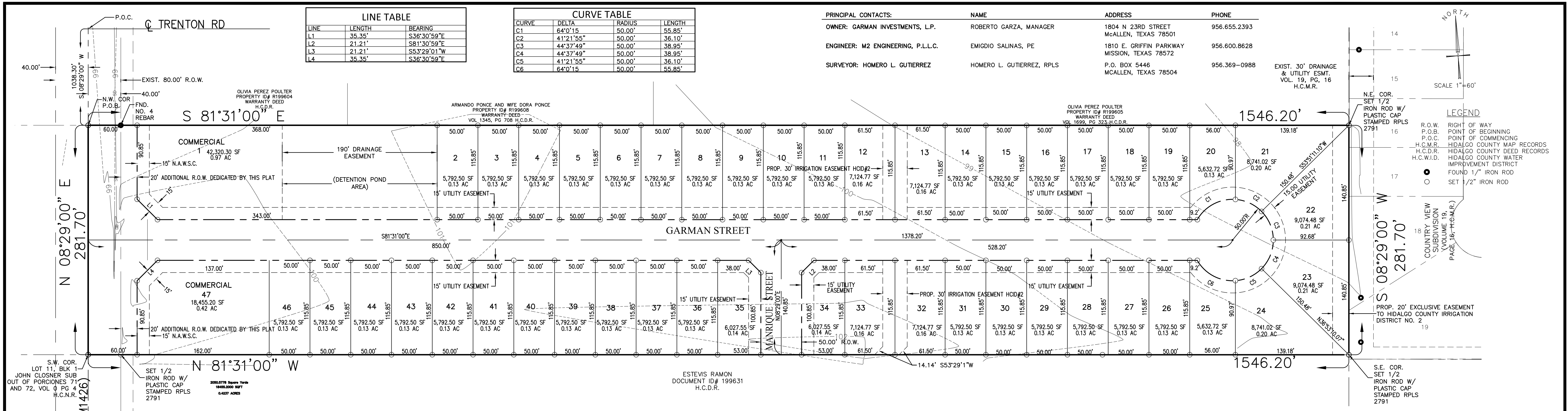
PRELIMINARY APPROVAL FROM THE
HIDALGO COUNTY COMMISSIONERS COURT ON: JUNE 23, 2020

STAFF RECOMMENDS: Preliminary Approval subject to comments and future recommendations by planning, other departments and the approval of the City of EDINBURG.

Final Approval subject to recommendations other departments

This subdivision plat has been reviewed and complies with the Hidalgo County Subdivision Rules, Texas Water Development Board Model Subdivision Rules and The Texas Local Government Code.

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PRINCIPAL CONTACTS:	NAME	ADDRESS	PHONE	
OWNER:	GARMAN INVESTMENTS, L.P.	ROBERTO GARZA, MANAGER	1804 N 23RD STREET MCALLEN, TEXAS 78501	956.655.2393
ENGINEER:	M2 ENGINEERING, P.L.L.C.	EMIGDIO SALINAS, PE	1810 E. GRIFFIN PARKWAY MISSION, TEXAS 78572	956.600.8628
SURVEYOR:	HOMERO L. GUTIERREZ	HOMERO L. GUTIERREZ, RPLS	P.O. BOX 5446 MCALLEN, TEXAS 78504	956.369-0988

LEGEND
 R.O.W. RIGHT OF WAY
 P.O.B. POINT OF BEGINNING
 P.O.C. POINT OF COMMENCING
 H.C.M.R. HIDALGO COUNTY MAP RECORDS
 H.C.D.R. HIDALGO COUNTY DEED RECORDS
 H.C.W.I.D. HIDALGO COUNTY WATER IMPROVEMENT DISTRICT
 FOUND 1/2" IRON ROD
 SET 1/2" IRON ROD
 COUNTRY VIEW SUBDIVISION (VOLUME 19, PAGE 10-11 H.C.M.R.)

OWNER'S DEDICATION, CERTIFICATION, AND ATTESTATION
 I, **ROBERTO GARZA, MANAGER OF GARMAN INVESTMENT, L.P.**, OWNER OF THE LAND SHOWN ON THIS PLAT AND DESIGNATED HEREIN AS **SILVER HEIGHTS SUBDIVISION**, HEREBY SUBDIVIDE THE LAND AS DEPICTED IN THIS SUBDIVISION PLAT AND DEDICATE TO PUBLIC USE THE STREETS, AND EASEMENTS SHOWN HEREIN.
 I CERTIFY THAT I HAVE COMPLIED WITH REQUIREMENTS OF TEXAS LOCAL GOVERNMENT CODE §232.032 AND THAT:
 (A) THE WATER QUALITY AND CONNECTIONS TO THE LOTS MEET, OR WILL MEET THE MINIMUM STATE STANDARDS;
 (B) SEWER CONNECTIONS TO THE LOTS MEET OR WILL MEET THE MINIMUM REQUIREMENTS OF STATE STANDARDS;
 (C) ELECTRICAL CONNECTIONS PROVIDED TO THE LOTS MEET OR WILL MEET THE MINIMUM STATE STANDARDS, AND;
 (D) GAS CONNECTIONS, IF AVAILABLE, PROVIDED TO THE LOTS MEET, OR WILL MEET THE MINIMUM STATE STANDARDS.
 I ATTEST THAT THE MATTERS ASSERTED IN THIS PLAT ARE TRUE AND COMPLETE.

ROBERTO GARZA, MANAGER
 GARMAN INVESTMENTS, L.P.
 1804 N 23RD STREET
 MCALLEN, TEXAS 78501
 STATE OF TEXAS
 COUNTY OF HIDALGO

BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED **ROBERTO GARZA, MANAGER OF GARMAN INVESTMENT, L.P.**, KNOWN TO ME TO BE THE PERSON WHOSE NAME IS SUBSCRIBED TO THE FOREGOING INSTRUMENT, AND ACKNOWLEDGED TO ME THAT HE EXECUTED THE SAME FOR THE PURPOSES AND CONSIDERATIONS THEREIN STATED.
 GIVEN UNDER MY HAND AND SEAL OF OFFICE THIS _____ DAY OF _____, 20____.

NOTARY PUBLIC, STATE OF TEXAS
 MY COMMISSION EXPIRES:

NORTH ALAMO WATER SUPPLY CORPORATION
RIGHT OF WAY EASEMENT
 KNOWN ALL MEN BY THESE PRESENTS, THAT THE UNDERSIGNED, OWNERS OF THE PROPERTY SHOWN ON THIS PLAT, THEIR SUCCESSORS, ASSIGNS, AND TRANSFEREES (HEREINAFTER CALLED "GRANTOR" WHETHER ONE OR MORE PERSONS ARE NAMED), IN CONSIDERATION OF ONE DOLLAR (\$1.00) AND OTHER GOOD AND VALUABLE CONSIDERATION PAID BY NORTH ALAMO WATER SUPPLY CORPORATION, (HEREINAFTER CALLED "GRANTEE"), THE RECEIPT AND SUFFICIENCY OF WHICH IS HEREBY ACKNOWLEDGED, DOES HEREBY GRANT, BARGAIN, SELL, TRANSFER AND CONVEY TO SAID GRANTEE, ITS SUCCESSORS AND ASSIGNS, A PERPETUAL EASEMENT WITH THE RIGHT TO ERECT, CONSTRUCT, INSTALL AND LAY AND THEREAFTER USE, OPERATE, INSPECT, REPAIR, MAINTAIN, REPLACE AND REMOVE WATER DISTRIBUTION LINES AND APPURTENANCES OVER AND ACROSS THE LANDS SHOWN NON THIS PLAT, TOGETHER WITH THE RIGHT OF INGRESS AND EGRESS OVER GRANTOR'S ADJACENT LANDS FOR THE PURPOSE FOR WHICH THE ABOVE-MENTIONED RIGHTS ARE GRANTED. THE EASEMENT HEREBY GRANTED SHALL NOT EXCEED 15' IN WIDTH, AND GRANTEE IS HEREBY AUTHORIZED TO DESIGNATE THE COURSE OF THE EASEMENT HEREIN CONVEYED EXCEPT THAT WHEN THE PIPELINE(S) IS INSTALLED, THE EASEMENT HEREIN GRANTED SHALL BE LIMITED TO A STRIP OF LAND 15' IN WIDTH, THE CENTERLINE THEREOF BEING THE PIPELINE INSTALLED.
 IN THE EVENT THE EASEMENT HEREBY GRANTED ABUTS ON A PUBLIC ROAD AND THE CITY, COUNTY OR STATE HEREAFTER WIDENS OR RELOCATES THE PUBLIC ROAD SO AS TO REQUIRE THE RELOCATION OF THIS WATER LINE AS INSTALLED, GRANTEE FURTHER GRANTS TO GRANTEE AN ADDITIONAL EASEMENT OVER AND ACROSS THE LAND SHOWN ON THIS PLAT FOR THE PURPOSE OF LATERALLY RELOCATING SAID WATER LINE AS MAY BE NECESSARY TO CLEAR THE ROAD IMPROVEMENTS, WHICH EASEMENT HEREBY GRANTED SHALL BE LIMITED TO A STRIP OF LAND 15' IN WIDTH, THE CENTER LINE THEREOF BEING THE PIPELINE AS RELOCATED.
 THE CONSIDERATION RECITED HEREIN SHALL CONSTITUTE PAYMENT IN FULL FOR ALL DAMAGES SUSTAINED BY GRANTEE BY REASON OF THE INSTALLATION, MAINTENANCE, REPAIR, REPLACEMENT AND RELOCATION OF THE STRUCTURES REFERRED TO HEREIN. THIS AGREEMENT TOGETHER WITH OTHER PROVISIONS OF THIS GRANT SHALL CONSTITUTE AN EASEMENT FOR THE BENEFIT OF THE GRANTEE, ITS SUCCESSORS, AND ASSIGNS. THE GRANTEE COVENANTS THAT ITS IS THE OWNER OF THE ABOVE DESCRIBED LANDS AND THAT SAID LANDS ARE FREE AND CLEAR OF ALL ENCUMBRANCES AND LIENS, EXCEPT THE FOLLOWING:
 THE EASEMENT CONVEYED HEREIN WAS OBTAINED OR IMPROVED THROUGH FEDERAL FINANCIAL ASSISTANCE. THE EASEMENT IS SUBJECT TO THE PROVISIONS OF THE TITLE 14 OF THE CIVIL RIGHTS ACT OF 1964 AND THE REGULATIONS ISSUED PURSUANT THERETO FOR SO LONG AS THE EASEMENT CONTINUES TO BE USED FOR THE SAME OR SIMILAR PURPOSE FOR WHICH FINANCIAL ASSISTANCE WAS EXTENDED OR FOR SO LONG AS THE GRANTEE OWNS IT, WHICHEVER IS LONGER
 IN WITNESS WHEREOF THE SAID GRANTEE HAS EXECUTED THIS INSTRUMENT THE ____ DAY OF _____ 2019.

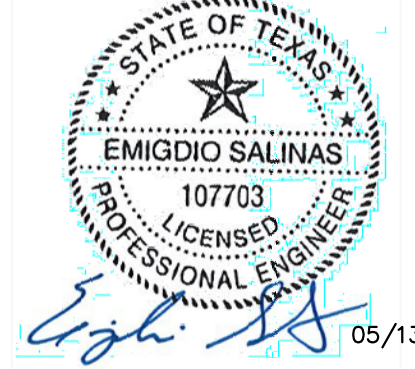
ROBERTO GARZA, MANAGER
 GARMAN INVESTMENTS, L.P.
 1804 N 23RD STREET
 MCALLEN, TEXAS 78501
 STATE OF TEXAS
 COUNTY OF HIDALGO

HIDALGO COUNTY IRRIGATION DISTRICT No. 2
 THIS PLAT IS HEREBY APPROVED BY THE HIDALGO IRRIGATION DISTRICT No. 2 ON THIS _____ DAY OF _____ 20____.
 NO IMPROVEMENTS OF ANY KIND (INCLUDING WITHOUT LIMITATION, TREES, FENCES, AND BUILDINGS) SHALL BE PLACED UPON HIDALGO COUNTY IRRIGATION DISTRICT No. 2 RIGHT OF WAYS OR EASEMENTS.

ATTEST: _____
 SECRETARY

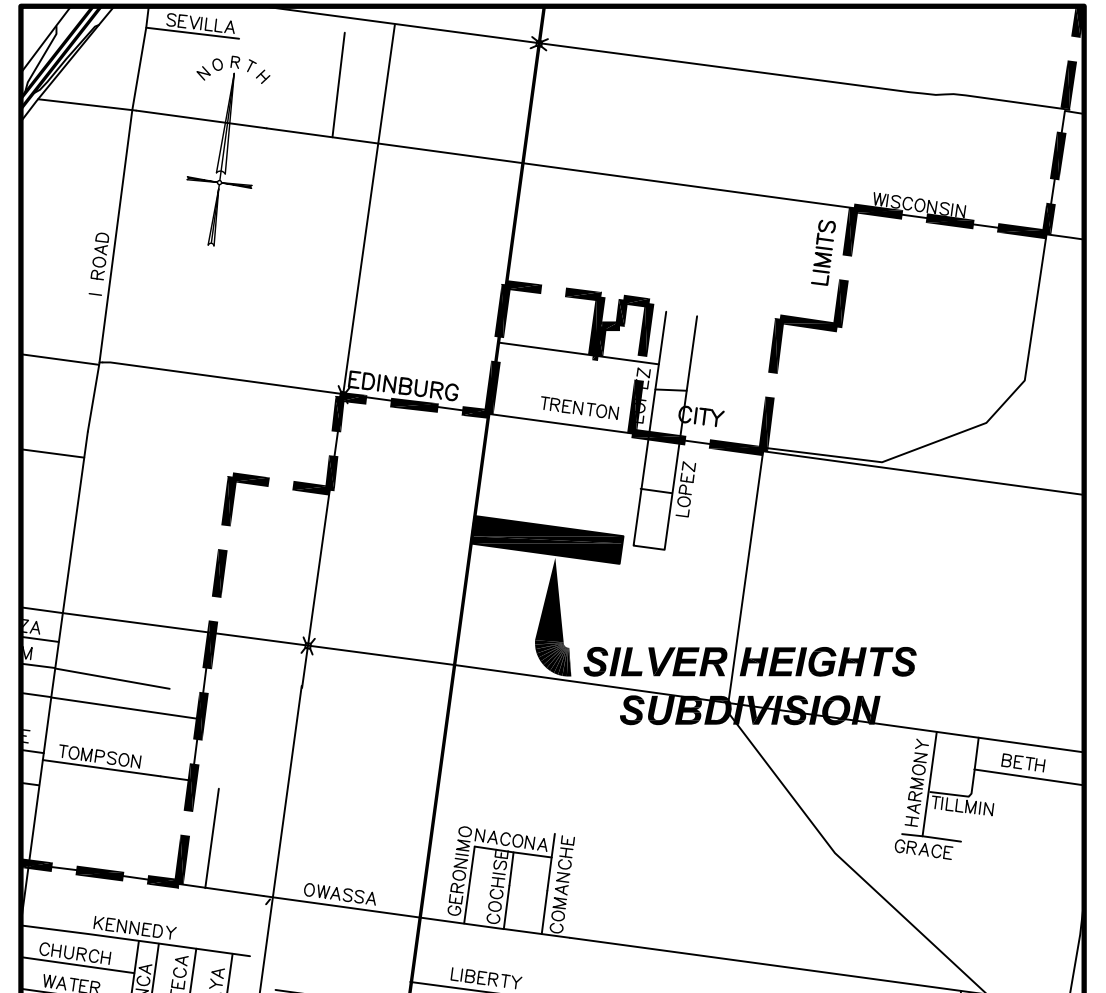
ENGINEER'S CERTIFICATION
 STATE OF TEXAS
 COUNTY OF HIDALGO
 I, THE UNDERSIGNED, EMIGDIO SALINAS, A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF TEXAS, HEREBY CERTIFY THAT PROPER ENGINEERING CONSIDERATION HAS BEEN GIVEN TO THIS PLAT.
 DATED THIS THE 13TH DAY OF MAY 20 20____.

Emigdio Salinas
 EMIGDIO SALINAS, PROFESSIONAL ENGINEER No. 107703
 M2 ENGINEERING, PLLC
 TBPE FIRM NO. 19545
 DATE PREPARED: MAY 13, 2020



SURVEYOR'S CERTIFICATION
 STATE OF TEXAS
 COUNTY OF HIDALGO
 I, THE UNDERSIGNED, HOMERO L. GUTIERREZ, A REGISTERED PROFESSIONAL LAND SURVEYOR, IN THE STATE OF TEXAS, DO HEREBY CERTIFY THAT PROPER SURVEYING CONSIDERATION HAS BEEN GIVEN TO THIS PLAT, AND THAT IT IS A TRUE AND ACCURATE REPRESENTATION OF THE SUBDIVISION OF THE LANDS HEREON DESCRIBED.

HOMERO LUIS GUTIERREZ, R.P.L.S. # 2791
 DATE SURVEYED: 05/13/2020
 SURVEYING JOB NO.



LOCATION MAP
 SCALE: 1"=2000'

LOCATION OF SUBDIVISION WITH RESPECT TO THE EXTRATERRITORIAL JURISDICTION OF MUNICIPALITY.
 SILVER HEIGHTS SUBDIVISION IS LOCATED IN THE NORTH CENTRAL PART OF HIDALGO COUNTY ALONG THE EAST SIDE OF RAUL LONGORIA ROAD (FM 1426) APPROXIMATELY 1,100 FEET SOUTH OF THE INTERSECTION OF RAUL LONGORIA ROAD AND TRENTON ROAD. ACCORDING TO THE OFFICIAL MAP AT THE OFFICE OF THE CITY OF EDINBURG (POPULATION 98,665), SILVER HEIGHTS SUBDIVISION LIES 0.20 MILES FROM THE CITY LIMITS AND IS WITHIN THE 2-MILE EXTRATERRITORIAL JURISDICTION (ETJ) UNDER LOCAL GOVERNMENT CODE §42.021.

THIS SUBDIVISION FALLS WITHIN HIDALGO COUNTY PRECINCT 4.

- INDEX OF SHEETS: SILVER HEIGHTS SUBDIVISION**
- SHEET 1: HEADING; INDEX; LOCATION AND ETJ MAP; PRINCIPAL CONTACTS; MAP; LOT, STREETS, AND EASEMENT LAYOUT; SURVEYOR'S CERTIFICATION; OWNERS DEDICATION, CERTIFICATION, ATTESTATION; ENGINEERING CERTIFICATION; COUNTY CLERK'S RECORDING CERTIFICATE; N.A.W.S.C. ROW EASEMENT DEDICATION; LOT AREAS, LINE TABLE, CURVE TABLE;
 - SHEET 2: PLAT NOTES AND RESTRICTIONS; DESCRIPTION (METES AND BOUNDS); HEADING; INDEX; LOCATION AND ETJ MAP; SURVEYOR'S CERTIFICATION; ENGINEERING CERTIFICATION; COUNTY CLERK'S RECORDING CERTIFICATE; HIDALGO COUNTY CERTIFICATE; HIDALGO DRAINAGE DISTRICT NO.1 CERTIFICATE; CITY APPROVAL CERTIFICATE;
 - SHEET 3: ENGINEERING REPORT, INCLUDING DESCRIPTION OF WATER AND SANITARY SEWER ENGINEER'S CERTIFICATION (ENGLISH AND SPANISH VERSION), WATER AND SANITARY LAYOUT; DETAILS;
 - SHEET 4: MAP OF TOPOGRAPHY AND DRAINAGE LAYOUT; STORM DRAINAGE CONSTRUCTION DETAILS; DRAINAGE REPORT INCLUDING DESCRIPTION OF DRAINAGE, ENGINEERING CERTIFICATION;
 - SHEET 5: MAP OF TOPOGRAPHY AND STREET LAYOUT STREET DETAILS.
 - SHEET 6: HEADING INDEX; WATER AND SEWER DETAILS.



FILED FOR RECORD IN
 HIDALGO COUNTY
 ARTURO GUAJARDO, JR.
 HIDALGO COUNTY CLERK

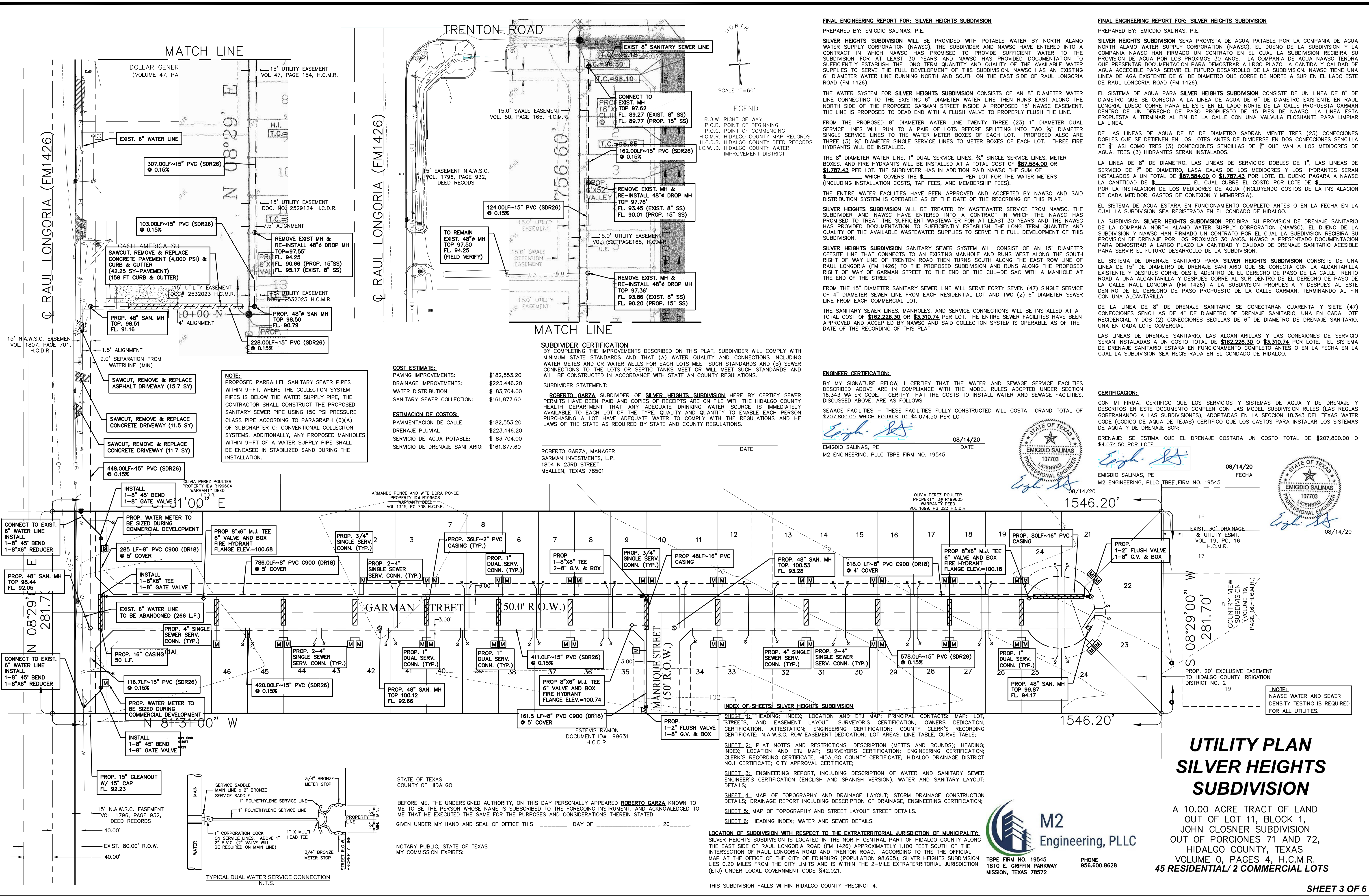
ON: _____ AT _____ AM/PM
 DOCUMENT NUMBER _____
 OF THE MAP RECORDS OF HIDALGO COUNTY, TEXAS
 BY: _____ DEPUTY

SILVER HEIGHTS SUBDIVISION

A 10.00 ACRE TRACT OF LAND
 OUT OF LOT 11, BLOCK 1,
 JOHN CLOSER SUBDIVISION
 OUT OF PORCIONES 71 AND 72,
 HIDALGO COUNTY, TEXAS
 VOLUME 0, PAGES 4, H.C.M.R.

45 RESIDENTIAL/ 2 COMMERCIAL LOTS
SHEET 1 OF 6

M2 Engineering, PLLC
 TBPE FIRM NO. 19545
 1810 E. GRIFFIN PARKWAY
 MISSION, TEXAS 78572
 PHONE 956.600.8628



FINAL ENGINEERING REPORT FOR: SILVER HEIGHTS SUBDIVISION
 PREPARED BY: EMIGDIO SALINAS, P.E.

SILVER HEIGHTS SUBDIVISION WILL BE PROVIDED WITH POTABLE WATER BY NORTH ALAMO WATER SUPPLY CORPORATION (NAWSC), THE SUBDIVIDER AND NAWSC HAVE ENTERED INTO A CONTRACT IN WHICH NAWSC HAS PROMISED TO PROVIDE SUFFICIENT WATER TO THE SUBDIVISION FOR AT LEAST 30 YEARS AND NAWSC HAS PROVIDED DOCUMENTATION TO SUFFICIENTLY ESTABLISH THE LONG TERM QUANTITY AND QUALITY OF THE AVAILABLE WATER SUPPLIES TO SERVE THE FULL DEVELOPMENT OF THIS SUBDIVISION. NAWSC HAS AN EXISTING 6" DIAMETER WATER LINE RUNNING NORTH AND SOUTH ON THE EAST SIDE OF RAUL LONGORIA ROAD (FM 1426).

THE WATER SYSTEM FOR SILVER HEIGHTS SUBDIVISION CONSISTS OF AN 8" DIAMETER WATER LINE CONNECTING TO THE EXISTING 6" DIAMETER WATER LINE THEN RUNS EAST ALONG THE NORTH SIDE OF THE PROPOSED GARMAN STREET INSIDE A PROPOSED 15' NAWSC EASEMENT. THE LINE IS PROPOSED TO DEAD END WITH A FLUSH VALVE TO PROPERLY FLUSH THE LINE.

FROM THE PROPOSED 8" DIAMETER WATER LINE TWENTY THREE (23) 1" DIAMETER DUAL SERVICE LINES WILL RUN TO A PAIR OF LOTS BEFORE SPLITTING INTO TWO 3/4" DIAMETER SINGLE SERVICE LINES TO THE WATER METER BOXES OF EACH LOT. PROPOSED ALSO ARE THREE (3) 3/4" DIAMETER SINGLE SERVICE LINES TO METER BOXES OF EACH LOT. THREE FIRE HYDRANTS WILL BE INSTALLED.

THE 8" DIAMETER WATER LINE, 1" DUAL SERVICE LINES, 3/4" SINGLE SERVICE LINES, METER BOXES, AND FIRE HYDRANTS WILL BE INSTALLED AT A TOTAL COST OF **\$87,584.00** OR **\$1,787.43** PER LOT. THE SUBDIVIDER HAS IN ADDITION PAID NAWSC THE SUM OF **\$1,787.43** WHICH COVERS THE **\$9** PER LOT FOR THE WATER METERS (INCLUDING INSTALLATION COSTS, TAP FEES, AND MEMBERSHIP FEES).

THE ENTIRE WATER FACILITIES HAVE BEEN APPROVED AND ACCEPTED BY NAWSC AND SAID DISTRIBUTION SYSTEM IS OPERABLE AS OF THE DATE OF THE RECORDING OF THIS PLAT.

SILVER HEIGHTS SUBDIVISION WILL BE TREATED BY WASTEWATER SERVICE FROM NAWSC. THE SUBDIVIDER AND NAWSC HAVE ENTERED INTO A CONTRACT IN WHICH NAWSC HAS PROMISED TO TREAT THE SUFFICIENT WASTEWATER FOR AT LEAST 30 YEARS AND NAWSC HAS PROVIDED DOCUMENTATION TO SUFFICIENTLY ESTABLISH THE LONG TERM QUANTITY AND QUALITY OF THE AVAILABLE WASTEWATER SUPPLIES TO SERVE THE FULL DEVELOPMENT OF THIS SUBDIVISION.

SILVER HEIGHTS SUBDIVISION SANITARY SEWER SYSTEM WILL CONSIST OF AN 15" DIAMETER OFFSITE LINE THAT CONNECTS TO AN EXISTING MANHOLE AND RUNS WEST ALONG THE SOUTH RIGHT OF WAY LINE OF TRENTON ROAD THEN TURNS SOUTH ALONG THE EAST ROW LINE OF RAUL LONGORIA (FM 1426) TO THE PROPOSED SEWER LINE AND RUNS ALONG THE PROPOSED RIGHT OF WAY OF GARMAN STREET TO THE END OF THE CUL-DE-SAC WITH A MANHOLE AT THE END OF THE STREET.

FROM THE 15" DIAMETER SANITARY SEWER LINE WILL SERVE FORTY SEVEN (47) SINGLE SERVICE OF 4" DIAMETER SEWER LINE FROM EACH RESIDENTIAL LOT AND TWO (2) 6" DIAMETER SEWER LINE FROM EACH COMMERCIAL LOT.

THE SANITARY SEWER LINES, MANHOLES, AND SERVICE CONNECTIONS WILL BE INSTALLED AT A TOTAL COST OF **\$162,226.30** OR **\$3,310.74** PER LOT. THE ENTIRE SEWER FACILITIES HAVE BEEN APPROVED AND ACCEPTED BY NAWSC AND SAID COLLECTION SYSTEM IS OPERABLE AS OF THE DATE OF THE RECORDING OF THIS PLAT.

FINAL ENGINEERING REPORT FOR: SILVER HEIGHTS SUBDIVISION
 PREPARED BY: EMIGDIO SALINAS, P.E.

SILVER HEIGHTS SUBDIVISION SERA PROVISITA DE AGUA POTABLE POR LA COMPANIA DE AGUA NORTH ALAMO WATER SUPPLY CORPORATION (NAWSC). EL DUEÑO DE LA SUBDIVISION Y LA COMPANIA NAWSC HAN FIRMADO UN CONTRATO EN EL CUAL LA SUBDIVISION RECIBIRA SU PROVISION DE AGUA POR LOS PROXIMOS 30 ANOS. LA COMPANIA DE AGUA NAWSC TENDRA QUE PRESENTAR DOCUMENTACION PARA DEMOSTRAR A LARGO PLAZO LA CANTIDAD Y CALIDAD DE AGUA ACCESIBLE PARA SERVIR EL FUTURO DESARROLLO DE LA SUBDIVISION. NAWSC TIENE UNA LINEA DE AGA EXISTENTE DE 6" DE DIAMETRO QUE CORRE DE NORTE A SUR EN EL LADO ESTE DE RAUL LONGORIA ROAD (FM 1426).

EL SISTEMA DE AGUA PARA SILVER HEIGHTS SUBDIVISION CONSISTE DE UN LINEA DE 8" DE DIAMETRO QUE SE CONECTA A LA LINEA DE AGUA DE 6" DE DIAMETRO EXISTENTE EN RAUL LONGORIA. LUEGO CORRE PARA EL ESTE EN EL LADO NORTE DE LA CALLE PROPUUESTA GARMAN DENTRO DE UN DERECHO DE PASO PROPUUESTO DE 15 PIES DE NAWSC. LA LINEA ESTA PROPUUESTA A TERMINAR AL FIN DE LA CALLE CON UNA VALVULA FLOSHANTE PARA LIMPIAR LA LINEA.

DE LAS LINEAS DE AGUA DE 8" DE DIAMETRO SADRAN VIENTE TRES (23) CONECCIONES DOBLES QUE SE DETIENEN EN LOS LOTES ANTES DE DIVIDIRSE EN DOS CONECCIONES SENCILLA DE 1" ASI COMO TRES (3) CONECCIONES SENCILLAS DE 3/4" QUE VAN A LOS MEDIDORES DE AGUA. TRES (3) HIDRANTES SERAN INSTALADOS.

LA LINEA DE 8" DE DIAMETRO, LAS LINEAS DE SERVICIOS DOBLES DE 1", LAS LINEAS DE SERVICIO DE 3/4" DE DIAMETRO, LAS CAJAS DE LOS MEDIDORES Y LOS HIDRANTES SERAN INSTALADOS A UN COSTO TOTAL DE **\$87,584.00** O **\$1,787.43** POR LOTE. EL DUEÑO PAGARA A NAWSC LA CANTIDAD DE **\$1,787.43** EL CUAL CUBRE EL COSTO POR LOTE DE **\$9** POR LA INSTALACION DE LOS MEDIDORES DE AGUA (INCLUYENDO COSTOS DE LA INSTALACION DE CADA MEDIDOR, GASTOS DE CONEXION Y MEMBRESIA).

EL SISTEMA DE AGUA ESTARA EN FUNCIONAMIENTO COMPLETO ANTES O EN LA FECHA EN LA CUAL LA SUBDIVISION SEA REGISTRADA EN EL CONDADO DE HIDALGO.

LA SUBDIVISION SILVER HEIGHTS SUBDIVISION RECIBIRA SU PROVISION DE DRENAJE SANITARIO DE LA COMPANIA NORTH ALAMO WATER SUPPLY CORPORATION (NAWSC). EL DUEÑO DE LA SUBDIVISION Y NAWSC HAN FIRMADO UN CONTRATO POR EL CUAL LA SUBDIVISION RECIBIRA SU PROVISION DE DRENAJE POR LOS PROXIMOS 30 ANOS. NAWSC A PRESENTADO DOCUMENTACION PARA DEMOSTRAR A LARGO PLAZO LA CANTIDAD Y CALIDAD DE DRENAJE SANITARIO ACCESIBLE PARA SERVIR EL FUTURO DESARROLLO DE LA SUBDIVISION.

EL SISTEMA DE DRENAJE SANITARIO PARA SILVER HEIGHTS SUBDIVISION CONSISTE DE UNA LINEA DE 15" DE DIAMETRO DE DRENAJE SANITARIO QUE SE CONECTA CON LA ALCANTARILLA EXISTENTE Y DESPUES CORRE, DESDE ADENTRO DE EL DERECHO DE PASO DE LA CALLE TRENTON ROAD A UNA ALCANTARILLA Y DESPUES CORRE AL SUR DENTRO DE EL DERECHO DE PASO DE LA CALLE RAUL LONGORIA (FM 1426) A LA SUBDIVISION PROPUUESTA Y DESPUES AL ESTE DENTRO DE EL DERECHO DE PASO PROPUUESTO DE LA CALLE GARMAN, TERMINANDO AL FIN CON UNA ALCANTARILLA.

DE LA LINEA DE 15" DE DRENAJE SANITARIO SE CONECTARAN CUARENTA Y SIETE (47) CONECCIONES SENCILLAS DE 4" DE DIAMETRO DE DRENAJE SANITARIO. UNA EN CADA LOTE RESIDENCIAL Y DOS (2) CONECCIONES SENCILLAS DE 6" DE DIAMETRO DE DRENAJE SANITARIO, UNA EN CADA LOTE COMERCIAL.

LAS LINEAS DE DRENAJE SANITARIO, LAS ALCANTARILLAS Y LAS CONEXIONES DE SERVICIO SERAN INSTALADAS A UN COSTO TOTAL DE **\$162,226.30** O **\$3,310.74** POR LOTE. EL SISTEMA DE DRENAJE SANITARIO ESTARA EN FUNCIONAMIENTO COMPLETO ANTES O EN LA FECHA EN LA CUAL LA SUBDIVISION SEA REGISTRADA EN EL CONDADO DE HIDALGO.

COST ESTIMATE:
 PAVING IMPROVEMENTS: \$182,553.20
 DRAINAGE IMPROVEMENTS: \$223,446.20
 WATER DISTRIBUTION: \$ 83,704.00
 SANITARY SEWER COLLECTION: \$161,877.60

ESTIMACION DE COSTOS:
 PAVIMENTACION DE CALLE: \$182,553.20
 DRENAJE PLUVIAL: \$223,446.20
 SERVICIO DE AGUA POTABLE: \$ 83,704.00
 SERVICIO DE DRENAJE SANITARIO: \$161,877.60

SUBDIVIDER CERTIFICATION
 BY COMPLETING THE IMPROVEMENTS DESCRIBED ON THIS PLAT, SUBDIVIDER WILL COMPLY WITH MINIMUM STATE STANDARDS AND THAT (A) WATER QUALITY AND CONNECTIONS INCLUDING WATER METES AND OR WATER WELLS FOR EACH LOTS MEET SUCH STANDARDS AND (B) SEWER CONNECTIONS TO THE LOTS OR SEPTIC TANKS MEET OR WILL MEET SUCH STANDARDS AND WILL BE CONSTRUCTED IN ACCORDANCE WITH STATE AND COUNTY REGULATIONS.

SUBDIVIDER STATEMENT:
 I, **ROBERTO GARZA**, SUBDIVIDER OF SILVER HEIGHTS SUBDIVISION, HEREBY CERTIFY SEWER PERMITS HAVE BEEN PAID AND COPIES OF RECEIPTS ARE ON FILE WITH THE HIDALGO COUNTY HEALTH DEPARTMENT THAT ANY ADEQUATE DRINKING WATER SOURCE IS IMMEDIATELY AVAILABLE TO EACH LOT OF THE TYPE, QUALITY AND QUANTITY TO ENABLE EACH PERSON PURCHASING A LOT HAVE ADEQUATE WATER TO COMPLY WITH THE REGULATIONS AND HE LAWS OF THE STATE AS REQUIRED BY STATE AND COUNTY REGULATIONS.

ROBERTO GARZA, MANAGER
 GARMAN INVESTMENTS, L.P.
 1804 N 23RD STREET
 MCALLEN, TEXAS 78501

ENGINEER CERTIFICATION:

BY MY SIGNATURE BELOW, I CERTIFY THAT THE WATER AND SEWAGE SERVICE FACILITIES DESCRIBED ABOVE ARE IN COMPLIANCE WITH THE MODEL RULES ADOPTED UNDER SECTION 16.343 WATER CODE. I CERTIFY THAT THE COSTS TO INSTALL WATER AND SEWAGE FACILITIES, DISCUSSED ABOVE, ARE AS FOLLOWS:

SEWAGE FACILITIES - THESE FACILITIES FULLY CONSTRUCTED WILL COST A GRAND TOTAL OF \$207,800.00 WHICH EQUALS TO \$4,074.50 PER LOT.

EMIGDIO SALINAS, PE 08/14/20
 M2 ENGINEERING, PLLC TBP# FIRM NO. 19545

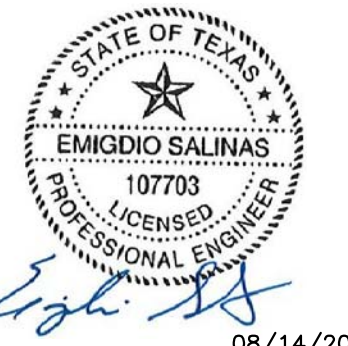


CERTIFICACION:

CON MI FIRMA, CERTIFICO QUE LOS SERVICIOS Y SISTEMAS DE AGUA Y DE DRENAJE Y DESCRITOS EN ESTE DOCUMENTO CUMPLEN CON LAS MODEL SUBDIVISION RULES (LAS REGLAS GOBERNANDO A LAS SUBDIVISIONES), ADOPTADAS EN LA SECCION 16.343 DEL TEXAS WATER CODE (CODIGO DE AGUA DE TEJAS) CERTIFICO QUE LOS GASTOS PARA INSTALAR LOS SISTEMAS DE AGUA Y DE DRENAJE SON:

DRENAJE: SE ESTIMA QUE EL DRENAJE COSTARA UN COSTO TOTAL DE \$207,800.00 O \$4,074.50 POR LOTE.

EMIGDIO SALINAS, PE 08/14/20
 M2 ENGINEERING, PLLC TBP# FIRM NO. 19545



INDEX OF SHEETS: SILVER HEIGHTS SUBDIVISION

- SHEET 1: HEADING; INDEX; LOCATION AND ETJ MAP; PRINCIPAL CONTACTS; MAP; LOT, STREETS, AND EASEMENT LAYOUT; SURVEYOR'S CERTIFICATION; OWNERS DEDICATION, CERTIFICATION, ATTESTATION; ENGINEERING CERTIFICATION; COUNTY CLERK'S RECORDING CERTIFICATE; N.A.W.S.C. ROW EASEMENT DEDICATION; LOT AREAS, LINE TABLE, CURVE TABLE;
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- SHEET 6: HEADING INDEX; WATER AND SEWER DETAILS.

LOCATION OF SUBDIVISION WITH RESPECT TO THE EXTRATERRITORIAL JURISDICTION OF MUNICIPALITY:
 SILVER HEIGHTS SUBDIVISION IS LOCATED IN THE NORTH CENTRAL PART OF HIDALGO COUNTY ALONG THE EAST SIDE OF RAUL LONGORIA ROAD (FM 1426) APPROXIMATELY 1,100 FEET SOUTH OF THE INTERSECTION OF RAUL LONGORIA ROAD AND TRENTON ROAD. ACCORDING TO THE OFFICIAL MAP AT THE OFFICE OF THE CITY OF EDINBURG (POPULATION 98,665), SILVER HEIGHTS SUBDIVISION LIES 0.20 MILES FROM THE CITY LIMITS AND IS WITHIN THE 2-MILE EXTRATERRITORIAL JURISDICTION (ETJ) UNDER LOCAL GOVERNMENT CODE §42.021.

THIS SUBDIVISION FALLS WITHIN HIDALGO COUNTY PRECINCT 4.



**UTILITY PLAN
 SILVER HEIGHTS
 SUBDIVISION**

A 10.00 ACRE TRACT OF LAND
 OUT OF LOT 11, BLOCK 1,
 JOHN CLOSNOR SUBDIVISION
 OUT OF PORCIONES 71 AND 72,
 HIDALGO COUNTY, TEXAS
 VOLUME 0, PAGES 4, H.C.M.R.
45 RESIDENTIAL/ 2 COMMERCIAL LOTS

DRAINAGE STATEMENT: SILVER HEIGHTS SUBDIVISION

PROJECT LOCATION

THE SILVER HEIGHTS SUBDIVISION IS A FOURTY-SEVEN (47) LOT SUBDIVISION OUT OF LOT 11, BLOCK 1, JOHN CLOSNER SUBDIVISION OUT OF PORCIONES 71 AND 72, VOL. 0, PG. 4, PER MAP RECORDS HIDALGO COUNTY, TEXAS. THIS SUBDIVISION IS LOCATED ON THE EAST SIDE OF S. RAUL LONGORIA RD. (FM 1426) APPROXIMATELY ONE THOUSAND ONE HUNDRED FEET (1,100) SOUTH OF E. TRENTON RD. IN THE ETJ OF EDINBURG, TEXAS. LOTS 2-46 ARE TO BE ZONED RESIDENTIAL AND LOT 1 AND 47 ARE TO BE ZONED COMMERCIAL. LOT 1 IS DEDICATED FOR AN ONSITE DETENTION POND.

FLOOD PLAN

THE SITE IS LOCATED WITHIN ZONE "B", AREAS BETWEEN LIMITS OF THE 100-YEAR FLOOD AND 500-YEAR FLOOD; OR CERTAIN AREAS SUBJECT TO 100-YEAR FLOODING WITH AVERAGE DEPTHS LESS THAN ONE (1) FOOT OR WHERE THE CONTRIBUTING DRAINAGE AREA IS LESS THAN ONE SQUARE MILE, OR AREAS PROTECTED BY LEVES FROM THE BASE FLOOD. BASED ON COMMUNITY FIRM PANEL NO. 480334 0425 C, MAP REVISED NOVEMBER 16, 1982. PROPOSED FINISHED FLOOR ELEVATIONS SHALL BE 18-INCHES ABOVE THE TOP OF CURB MEASURED AT FRONT CENTER OF LOT OR ABOVE THE NEARBY BASE FLOOD ELEVATION OF 100.00; WHICHEVER IS LARGER.

SOILS INFORMATION

ACCORDING TO THE SOIL SURVEY MAP FOR HIDALGO COUNTY, ISSUED BY THE USDA NATURAL RESOURCE CONSERVATION SERVICE, THE SITE CONSISTS OF HIDALGO FINE SANDY LOAM (25); SLOPES BETWEEN 0 TO 1 PERCENT; HIDALGO SANDY CLAY LOAM (26); SLOPES BETWEEN 0 TO 1 PERCENT, AND RAYMONDVILLE CLAY LOAM; SLOPES BETWEEN 0 TO 1. SOILS ARE WELL DRAINED.

UNDEVELOPED CONDITIONS

THE PROPOSED PROJECT SITE CONSISTS OF A TOTAL OF 10.00 ACRES, WHICH PRESENTLY HAS HIGH POINT NEAR THE CENTER OF THE PROPERTY. FROM THERE DRAINAGE PATTERNS ARE TO THE EAST AND WEST. APPROXIMATELY 38 PERCENT (3.80 ACRES) OF THE SITE'S RUNOFF IS CURRENTLY DRAINING TOWARDS THE WEST TO AN EXISTING STORM DRAINAGE SYSTEM ALONG S. RAUL LONGORIA RD. (FM 1426), AND 62 PERCENT (6.08 ACRES) OF THE SITE TOWARDS THE EAST TO AN EXISTING DRAINAGE SWALE WITHIN AN EXISTING 30-FT DRAINAGE EASEMENT LOCATED AT THE ADJACENT SUBDIVISION (COUNTRY VIEW SUBDIVISION). THE UNDEVELOPED FLOW IS TOWARDS THE WEST (S. RAUL LONGORIA RD. (FM 1426)) IS 8.52 CFS, AND TO THE EAST 6.36 CFS FOR A 10-YEAR RAINFALL EVENT.

DEVELOPED CONDITIONS

EXHIBIT "A" DETAILS THE PROPOSED DRAINAGE CALCULATIONS FOR THE SITE. THE DEVELOPMENT CONSISTS OF 47 RESIDENTIAL LOTS AND 2 COMMERCIAL LOTS. THE REQUIRED ONSITE DETENTION FOR THE RESIDENTIAL LOTS WILL BE DETAINED AT AN ONSITE DETENTION POND LOCATED AT THE EASTERN SIDE OF THE SUBDIVISION (DRAINAGE AREA POND B), AND THE COMMERCIAL LOTS WILL BE REQUIRED TO PROVIDE ONSITE DETENTION REQUIREMENTS (DRAINAGE AREA POND A). IN ACCORDANCE TO THE CITY OF EDINBURG AND HIDALGO COUNTY DRAINAGE CRITERIA, THE STORM WATER RUNOFF GENERATED FROM THE DEVELOPED PROPERTY INCLUDING RUNOFF FROM UPSTREAM DRAINAGE AREAS SHALL BE DETAINED FOR A 50-YEAR FREQUENCY STORM EVENT, AND RELEASED INTO THE RECEIVING DOWNSTREAM SYSTEM AT THE PRE-DEVELOPED PEAK DISCHARGE RATE FOR A 10-YEAR STORM EVENT.

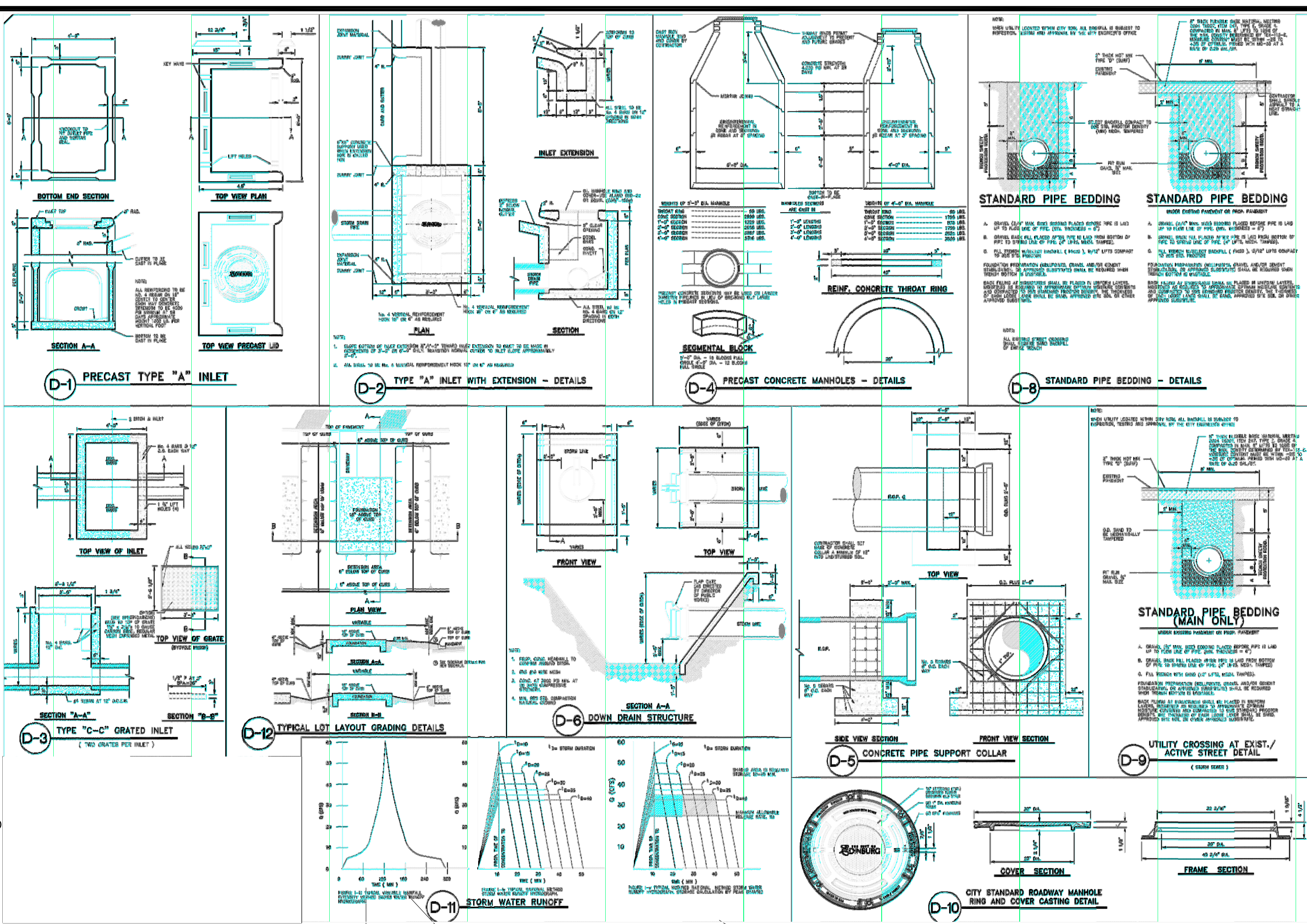
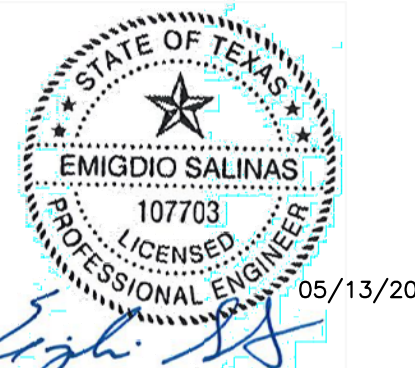
DRAINAGE AREA A WILL RELEASE TO AN EXISTING STORM SEWER SYSTEM ON RAUL LONGORIA, WHICH IS OWNED BY THE TEXAS DEPARTMENT OF TRANSPORTATION (TxDOT), AND DRAINAGE AREA B WILL RELEASE TO AN EXISTING DRAIN LINE ON TRENTON AVE. OWNED BY HIDALGO COUNTY IRRIGATION DISTRICT NO. 2 (HCID#2), WHICH OUTFALLS TO AN EXISTING DRAINAGE SYSTEM (COUNTRY VIEW SUBDIVISION). THE UNDEVELOPED FLOW IS TOWARDS OF TRENTON AVE. AND THE EXISTING 30-FT EASEMENT BETWEEN TRENTON ESTATES AND COUNTRY VIEW SUBDIVISIONS.

THE REQUIRED DETENTION FOR THE RESIDENTIAL LOTS DEVELOPMENT (DRAINAGE AREA "B") IS 1.40 ACRE-FEET (60,823 CUBIC FEET), AND THE COMMERCIAL LOTS (DRAINAGE AREA "A") 0.13 ACRE FEET (5,657 CUBIC FEET) TOTAL FOR BOTH COMMERCIAL LOTS). A STORM SYSTEM IS PROPOSED JUST ADJACENT TO COMMERCIAL LOTS TO CAPTURE THE ADJACENT PORTION OF THE STREET. EACH COMMERCIAL LOT WILL BE REQUIRED TO CONNECT TO THE PROPOSED DRAINAGE SYSTEM AT THE TIME OF CONSTRUCTION WHILE ONLY RELEASING FLOW AT PRE-DEVELOPMENT 10-YEAR STORM EVENT.

ENGINEER CERTIFICATION:

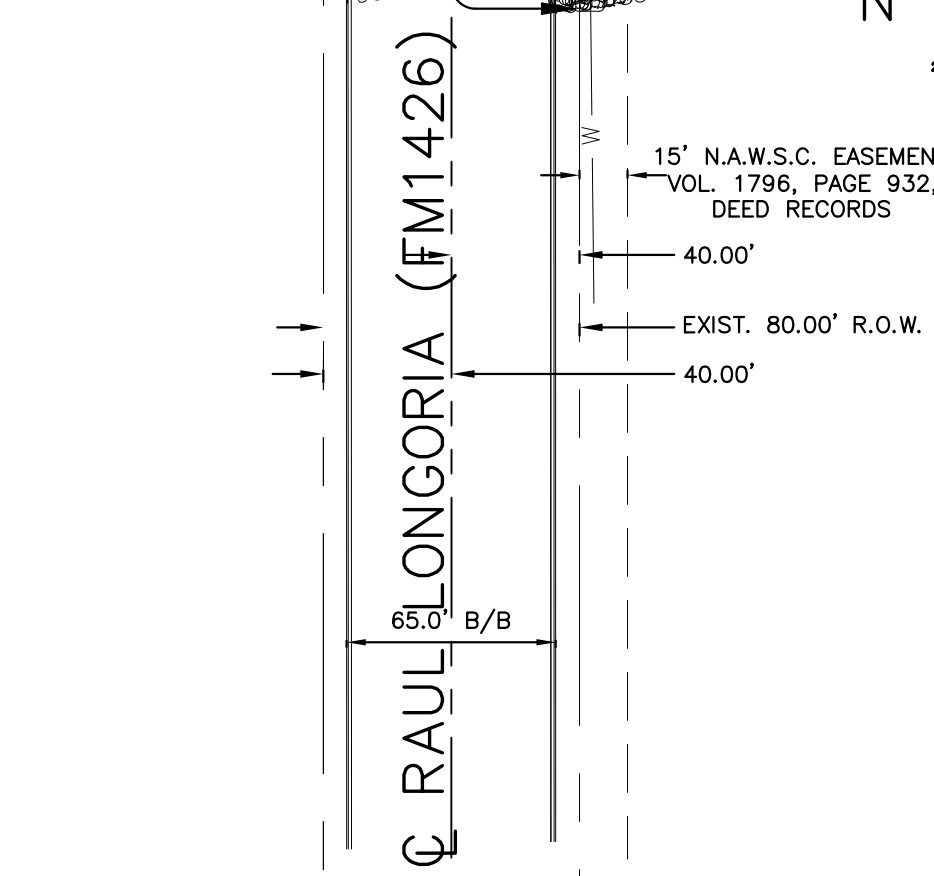
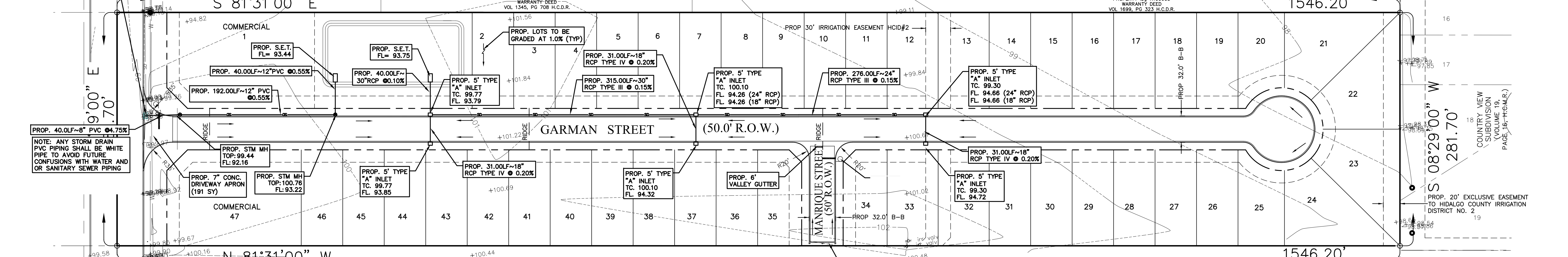
BY MY SIGNATURE BELOW, I CERTIFY THAT THE 100 YEAR FLOODPLAIN AS DESCRIBED IN COMMUNITY PANEL NO. 480334 0425 C MAP REVISED NOVEMBER 16, 1982, IS CONTAINED WITHIN THE PROPOSED DETENTION POND LOCATED ALONG THE EAST BOUNDARY LINE OF THE SUBDIVISION.

Emigdio Salinas
EMIGDIO SALINAS, PE
M2 ENGINEERING, PLLC TBPE FIRM NO. 19545
DATE 05/13/20



Elevation (ft)	Area (sf)	Δ Elevation (ft)	Storage (cf)	Total Storage (cf)
99.27	13,600.0			
96.44	12,217.0	2.83	38,488	73,062
93.62	12,217.0	2.83	34,574	34,574

RETROFIT TRAFFIC RATED GRATE ON 5" CURB INLET
TOP: 99.81
FL: 89.81
PROP. 8" 90.50



INDEX OF SHEETS: SILVER HEIGHTS SUBDIVISION

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COST ESTIMATE:

PAVING IMPROVEMENTS:	\$182,553.20
DRAINAGE IMPROVEMENTS:	\$223,446.20
WATER DISTRIBUTION:	\$ 83,704.00
SANITARY SEWER COLLECTION:	\$161,877.60

ESTIMACION DE COSTOS:

PAYMENTACION DE CALLE:	\$182,553.20
DRENAJE PLUVIAL:	\$223,446.20
SERVICIO DE AGUA POTABLE:	\$ 83,704.00
SERVICIO DE DRENAJE SANITARIO:	\$161,877.60

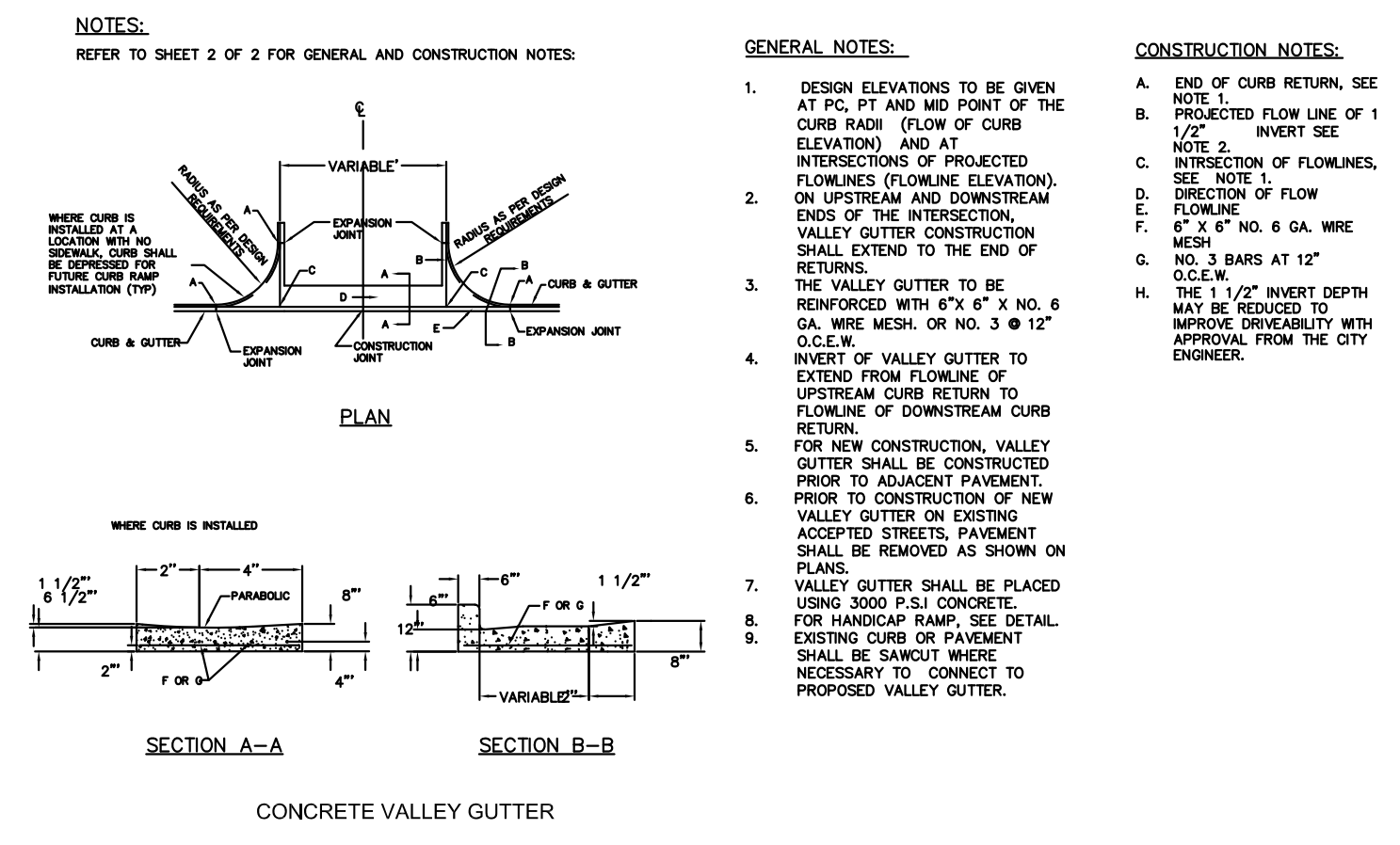
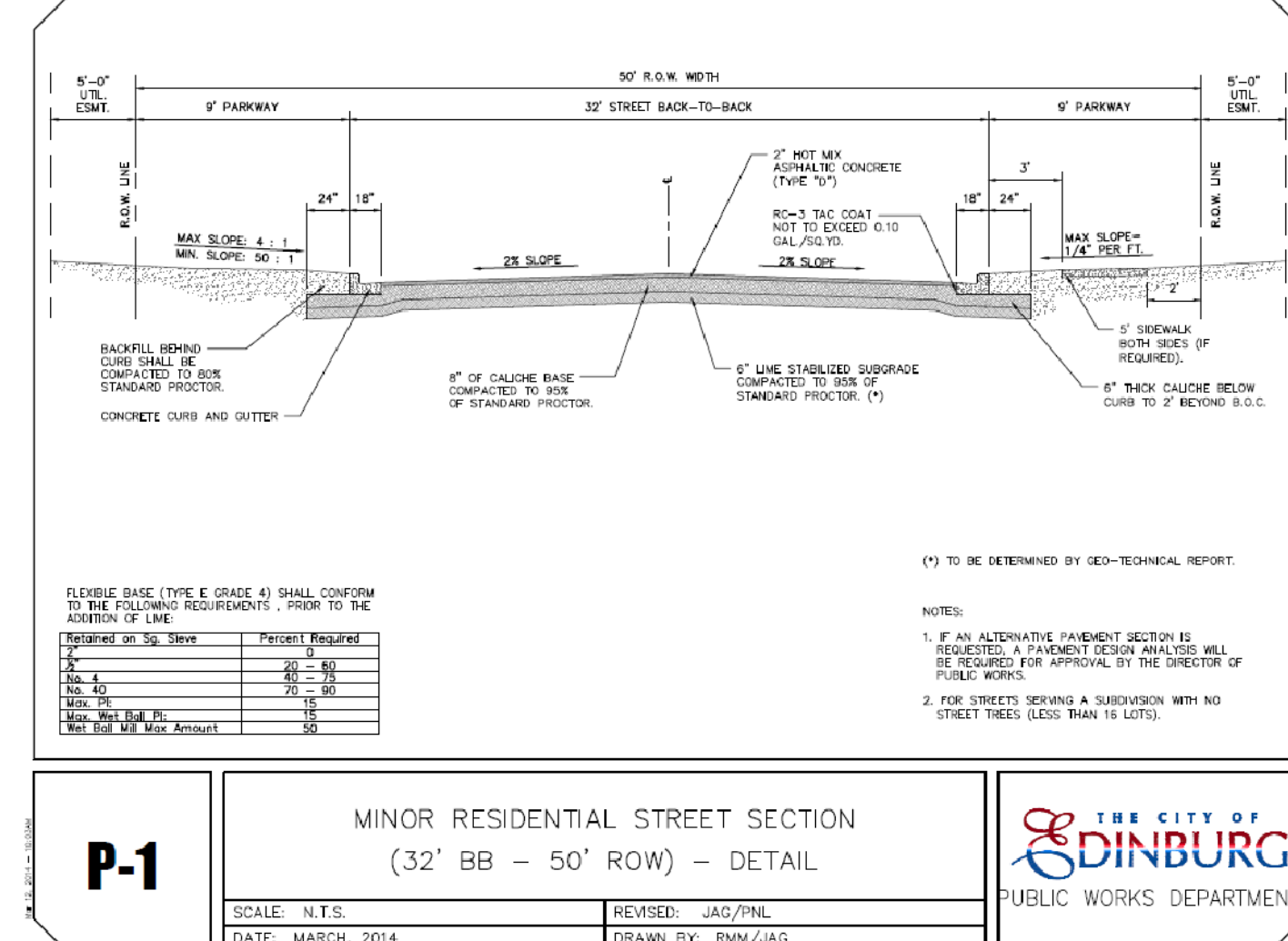
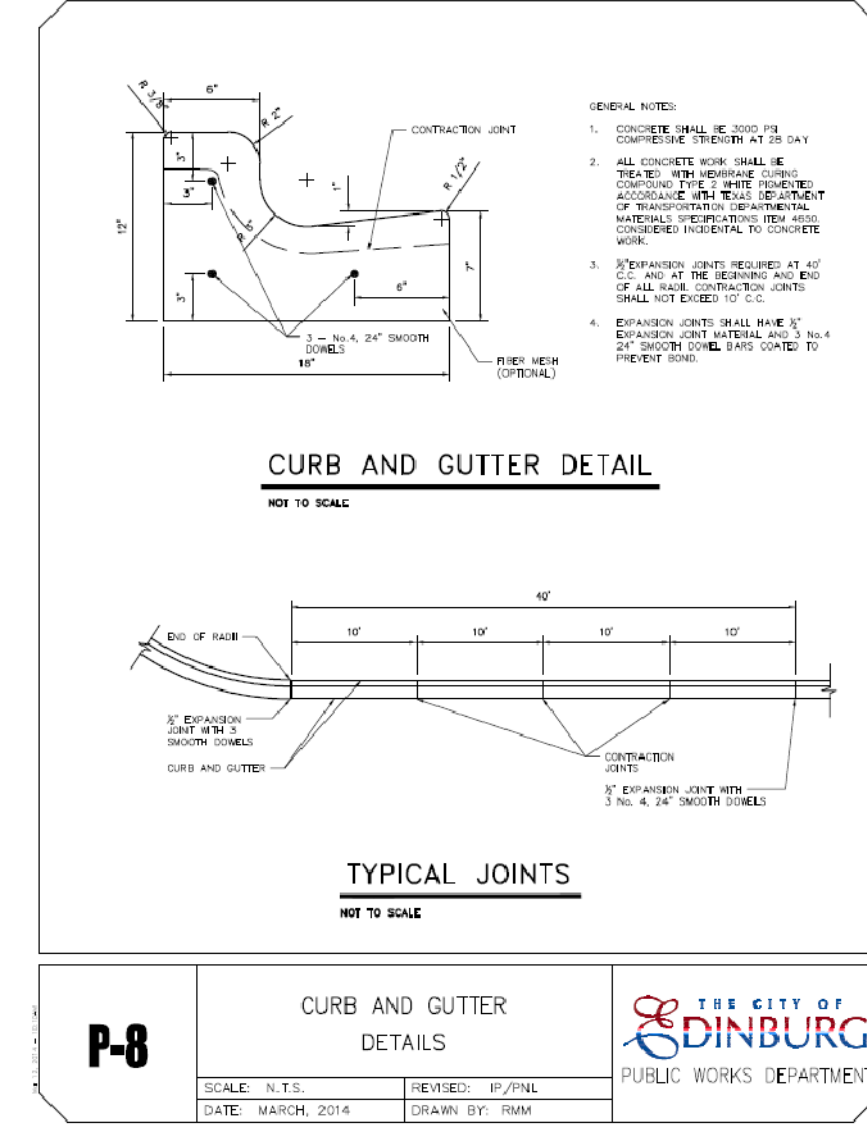
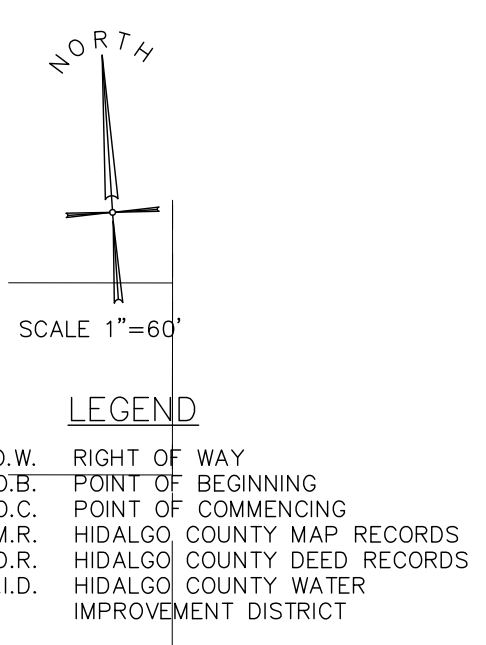
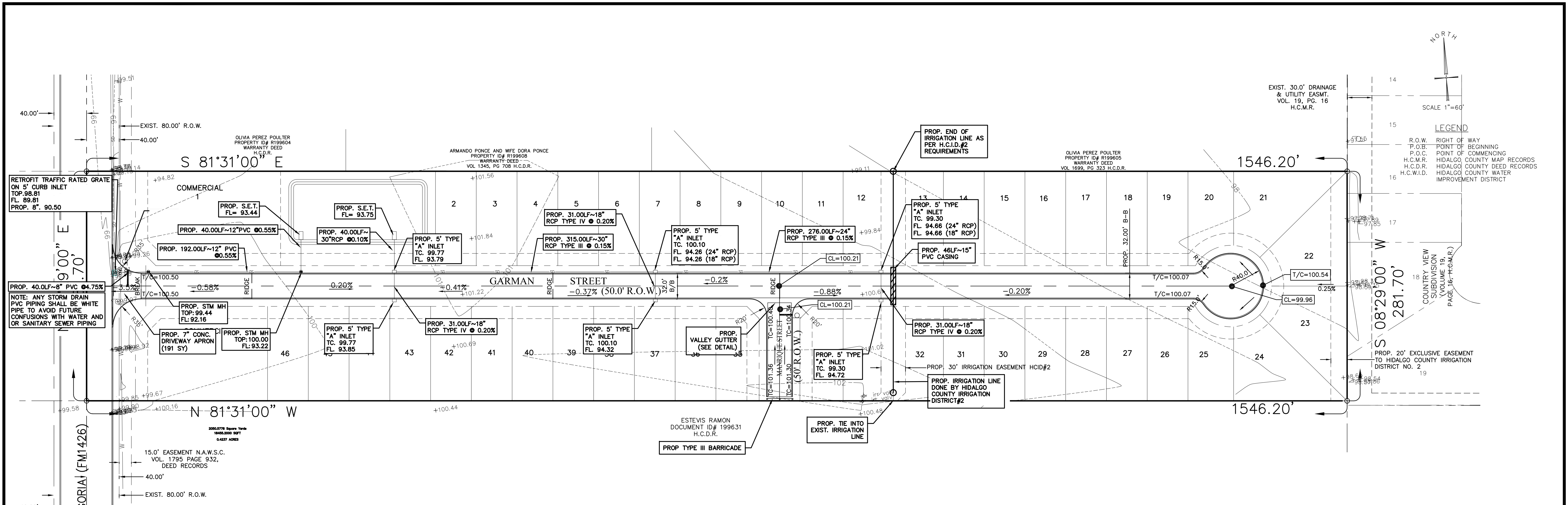
M2 Engineering, PLLC

TBPE FIRM NO. 19545
1810 E. GRIFFIN PARKWAY
MISSION, TEXAS 78572

PHONE 956.600.8628

**DRAINAGE PLAN
SILVER HEIGHTS
SUBDIVISION**

A 10.00 ACRE TRACT OF LAND
OUT OF LOT 11, BLOCK 1,
JOHN CLOSNER SUBDIVISION
OUT OF PORCIONES 71 AND 72,
HIDALGO COUNTY, TEXAS
VOLUME 0, PAGES 4, H.C.M.R.
45 RESIDENTIAL/ 2 COMMERCIAL LOTS



NOTE:
AS PER ATLAS ENGINEERING CONSULTANTS, LLC GEOTECH REPORT PROJECT NO G19-003 PAVEMENT RECOMMENDATION:
PROP PAVEMENT SECTION
2" - HMA-C TYPE "D"
10" - CALICHE FLEX BASE
8" - MOISTURE CONDITIONED SUBGRADE

COST ESTIMATE:

PAVING IMPROVEMENTS:	\$182,553.20
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ESTIMACION DE COSTOS:

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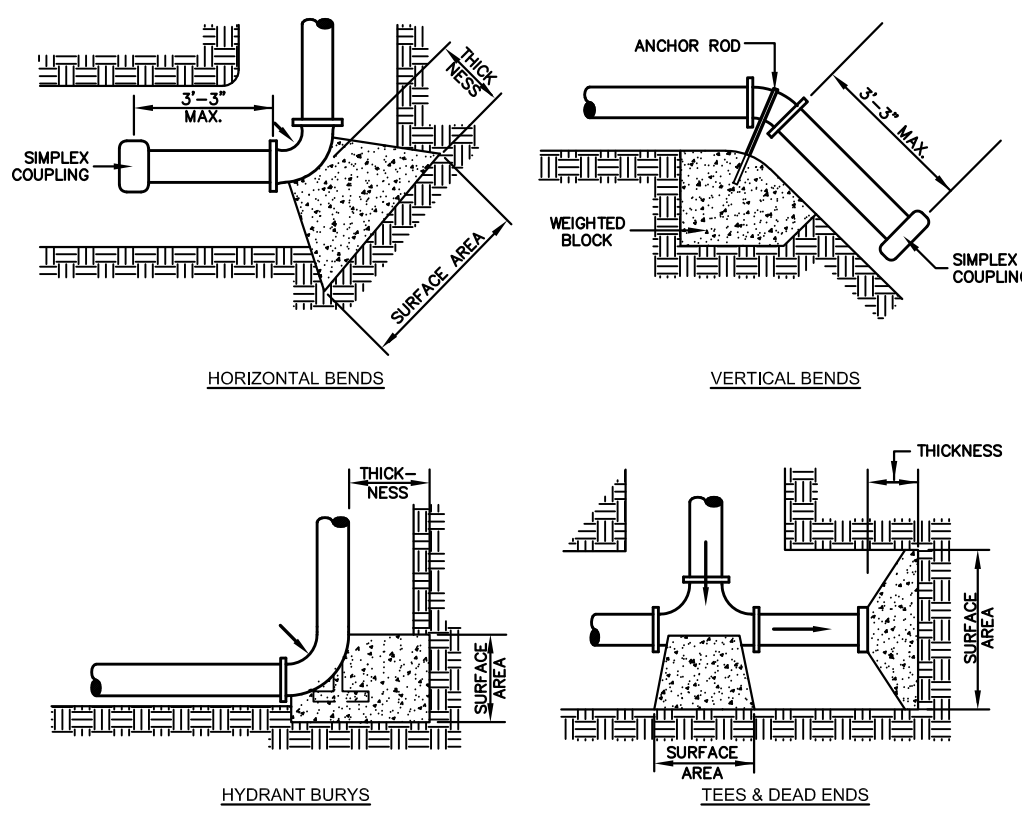
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PAVING PLAN SILVER HEIGHTS SUBDIVISION

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47 RESIDENTIAL/ 2 COMMERCIAL LOTS



THRUST BLOCK SIZE				
DIAMETER OF PIPE INCHES	HORIZONTAL BEND SURFACE AREA SQ. FT.	THICKNESS INCHES	WEIGHT AT VERTICAL BENDS LBS.	WEIGHT AT HORIZONTAL BENDS LBS.
22 1/2 BENDS 6 OR LESS	2	8	1,700	3,400
10	3	12	3,400	6,800
12	4	14	6,800	13,600
14	5	16	10,200	20,400
16	6	18	13,600	27,200
18	7	20	17,000	34,000
20	8	22	20,400	40,800
22	9	24	23,800	47,600
24	10	26	27,200	54,400
26	11	28	30,600	61,200
28	12	30	34,000	68,000
30	13	32	37,400	74,800
32	14	34	40,800	81,600
34	15	36	44,200	88,400
36	16	38	47,600	95,200
38	17	40	51,000	102,000
40	18	42	54,400	108,800
42	19	44	57,800	115,600
44	20	46	61,200	122,400
46	21	48	64,600	129,200
48	22	50	68,000	136,000
50	23	52	71,400	142,800
52	24	54	74,800	149,600
54	25	56	78,200	156,400
56	26	58	81,600	163,200
58	27	60	85,000	170,000
60	28	62	88,400	176,800
62	29	64	91,800	183,600
64	30	66	95,200	190,400
66	31	68	98,600	197,200
68	32	70	102,000	204,000
70	33	72	105,400	210,800
72	34	74	108,800	217,600
74	35	76	112,200	224,400
76	36	78	115,600	231,200
78	37	80	119,000	238,000
80	38	82	122,400	244,800
82	39	84	125,800	251,600
84	40	86	129,200	258,400
86	41	88	132,600	265,200
88	42	90	136,000	272,000
90	43	92	139,400	278,800
92	44	94	142,800	285,600
94	45	96	146,200	292,400
96	46	98	149,600	299,200
98	47	100	153,000	306,000
100	48	102	156,400	312,800
102	49	104	159,800	319,600
104	50	106	163,200	326,400
106	51	108	166,600	333,200
108	52	110	170,000	340,000
110	53	112	173,400	346,800
112	54	114	176,800	353,600
114	55	116	180,200	360,400
116	56	118	183,600	367,200
118	57	120	187,000	374,000
120	58	122	190,400	380,800
122	59	124	193,800	387,600
124	60	126	197,200	394,400
126	61	128	200,600	401,200
128	62	130	204,000	408,000
130	63	132	207,400	414,800
132	64	134	210,800	421,600
134	65	136	214,200	428,400
136	66	138	217,600	435,200
138	67	140	221,000	442,000
140	68	142	224,400	448,800
142	69	144	227,800	455,600
144	70	146	231,200	462,400
146	71	148	234,600	469,200
148	72	150	238,000	476,000
150	73	152	241,400	482,800
152	74	154	244,800	489,600
154	75	156	248,200	496,400
156	76	158	251,600	503,200
158	77	160	255,000	510,000
160	78	162	258,400	516,800
162	79	164	261,800	523,600
164	80	166	265,200	530,400
166	81	168	268,600	537,200
168	82	170	272,000	544,000
170	83	172	275,400	550,800
172	84	174	278,800	557,600
174	85	176	282,200	564,400
176	86	178	285,600	571,200
178	87	180	289,000	578,000
180	88	182	292,400	584,800
182	89	184	295,800	591,600
184	90	186	299,200	598,400
186	91	188	302,600	605,200
188	92	190	306,000	612,000
190	93	192	309,400	618,800
192	94	194	312,800	625,600
194	95	196	316,200	632,400
196	96	198	319,600	639,200
198	97	200	323,000	646,000
200	98	202	326,400	652,800
202	99	204	329,800	659,600
204	100	206	333,200	666,400
206	101	208	336,600	673,200
208	102	210	340,000	680,000
210	103	212	343,400	686,800
212	104	214	346,800	693,600
214	105	216	350,200	700,400
216	106	218	353,600	707,200
218	107	220	357,000	714,000
220	108	222	360,400	720,800
222	109	224	363,800	727,600
224	110	226	367,200	734,400
226	111	228	370,600	741,200
228	112	230	374,000	748,000
230	113	232	377,400	754,800
232	114	234	380,800	761,600
234	115	236	384,200	768,400
236	116	238	387,600	775,200
238	117	240	391,000	782,000
240	118	242	394,400	788,800
242	119	244	397,800	795,600
244	120	246	401,200	802,400
246	121	248	404,600	809,200
248	122	250	408,000	816,000
250	123	252	411,400	822,800
252	124	254	414,800	829,600
254	125	256	418,200	836,400
256	126	258	421,600	843,200
258	127	260	425,000	850,000
260	128	262	428,400	856,800
262	129	264	431,800	863,600
264	130	266	435,200	870,400
266	131	268	438,600	877,200
268	132	270	442,000	884,000
270	133	272	445,400	890,800
272	134	274	448,800	897,600
274	135	276	452,200	904,400
276	136	278	455,600	911,200
278	137	280	459,000	918,000
280	138	282	462,400	924,800
282	139	284	465,800	931,600
284	140	286	469,200	938,400
286	141	288	472,600	945,200
288	142	290	476,000	952,000
290	143	292	479,400	958,800
292	144	294	482,800	965,600
294	145	296	486,200	972,400
296	146	298	489,600	979,200
298	147	300	493,000	986,000
300	148	302	496,400	992,800
302	149	304	499,800	999,600
304	150	306	503,200	1,006,400
306	151	308	506,600	1,013,200
308	152	310	510,000	1,020,000
310	153	312	513,400	1,026,800
312	154	314	516,800	1,033,600
314	155	316	520,200	1,040,400
316	156	318	523,600	1,047,200
318	157	320	527,000	1,054,000
320	158	322	530,400	1,060,800
322	159	324	533,800	1,067,600
324	160	326	537,200	1,074,400
326	161	328	540,600	1,081,200
328	162	330	544,000	1,088,000
330	163	332	547,400	1,094,800
332	164	334	550,800	1,101,600
334	165	336	554,200	1,108,400
336	166	338	557,600	1,115,200
338	167	340	561,000	1,122,000
340	168	342	564,400	1,128,800
342	169	344	567,800	1,135,600
344	170	346	571,200	1,142,400
346	171	348	574,600	1,149,200
348	172	350	578,000	1,156,000
350	173	352	581,400	1,162,800
352	174	354	584,800	1,169,600
354	175	356	588,200	1,176,400
356	176	358	591,600	1,183,200
358	177	360	595,000	1,190,000
360	178	362	598,400	1,196,800
362	179	364	601,800	1,203,600
364	180	366	605,200	1,210,400
366	181	368	608,600	1,217,200
368	182	370	612,000	1,224,000
370	183	372	615,400	1,230,800
372	184	374	618,800	1,237,600
374	185	376	622,200	1,244,400
376	186	378	625,600	1,251,200
378	187	380	629,000	1,258,000
380	188	382	632,400	1,264,800
382	189	384	635,800	1,271,600
384	190	386	639,200	1,278,400
386	191	388	642,600	1,285,200
388	192	390	646,000	1,292,000
390	193	392	649,400	1,298,800
392	194	394	652,800	1,305,600
394	195	396	656,200	1,312,400
396	196	398	659,600	1,319,200
398	197	400	663,000	1,326,000
400	198	402	666,400	1,332,800
402	199	404	669,800	1,339,600
404	200	406	673,200	1,346,400
406	201	408	676,600	1,353,200
408	202	410	680,000	1,360,000
410	203	412	683,400	1,366,800
412	204	414	686,800	1,373,600
414	205	416	690,200	1,380,400
416	206	418	693,600	